HONDA **Service Bulletin** **00-017**

Applies To: **1998–02 Accord DX and L4 EX/LX/SE LEV** – ALL **December 17, 2002**

MIL Comes On With DTC P0133

SYMPTOM

The MIL comes on with DTC P0133 (primary heated oxygen sensor slow response).

PROBABLE CAUSE

Some brands of fuel and/or fuel additive packages may create deposits at the fuel injector tips. This build-up may cause slight air/fuel deviations between each cylinder. Build-up of these deposits, when coupled with very specific driving conditions, may cause the MIL to come on and the PCM to store DTC P0133.

CORRECTIVE ACTION

Replace the primary heated oxygen sensor (HO2S) and the fuel injectors.

For 1998–2000 models only: Compare the vehicle's ECM/PCM part number to PARTS INFORMATION. If the numbers do not match, replace the ECM/PCM.

PARTS INFORMATION

Oxygen Sensor: P/N 36531-PAA-305, H/C 6384176

Fuel Injector (4 required): P/N 06164-P8A-A00
H/C 5181300

A/T Powertrain Control Module (PCM)

EX/LX/SE LEV:

1998–99: P/N 37820-PAA-407, H/C 6774509
2000: P/N 37820-PAA-405, H/C 6695753

DX with KA emissions (49 states):

1998–99: P/N 37820-PAB-307, H/C 6774525

DX with KL emissions (CA state):

1998–99: P/N 37820-PAB-405, H/C 6774541

DX LEV:

2000: P/N 37820-PAB-305, H/C 6695779

M/T Engine Control Module (ECM)

EX/LX/SE LEV:

1998–99: P/N 37820-PAA-408. H/C 6774517
2000: P/N 37820-PAA-406, H/C 6695761

DX with KA emissions (49 states):

1998–99: P/N 37820-PAB-309, H/C 6774533

DX with KL emissions (CA state):

1998–99 P/N 37820-PAB-406, H/C 6774558

DX LEV:

2000: P/N 37820-PAB-306, H/C 6695787

TOOL INFORMATION

O2 Sensor Wrench: T/N SNAP-ON YA8875 or
SP Tools 93750 or equivalent
(commercially available)

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT
123503	Confirm the DTC with the PGM Tester	0.3
122106	Replace the primary HO2S sensor and the fuel injectors	0.7
A	Inspect the ECM/PCM part number	0.1
121100	Replace the ECM/PCM	0.4

Failed Part: P/N 37820-PAA-L61
H/C 5745278

Defect Code: 072

Contention Code: C99

Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

REPAIR PROCEDURE

1. Confirm the DTC with the PGM Tester.
2. Replace the fuel injectors (see page 11-97 in the 1998–2002 Accord Service Manual).
3. Replace the primary HO2S (see page 11-99 in the service manual).
   - For the 2001–02 models, the repair procedure is complete. Return the vehicle to the customer.
   - For the 1998–2000 models, go to step 4.
4. Find the ECM/PCM part number, and compare it to the part numbers in PARTS INFORMATION.
   - If the ECM/PCM part number is the same, return the vehicle to the customer.
   - If the ECM/PCM part number is different, go to step 5.

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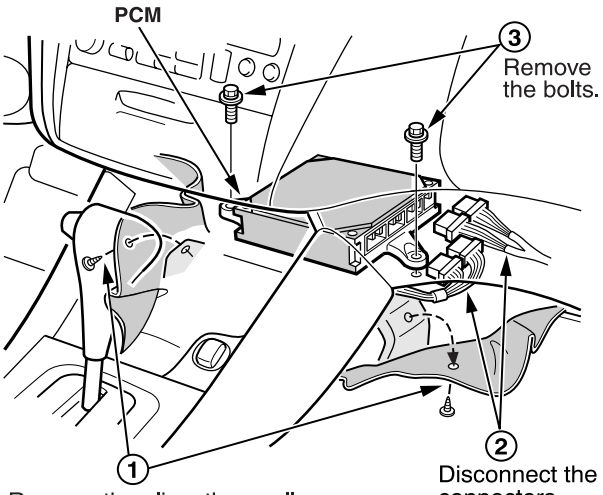
Skill Level
R
REPAIR

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

5. *For 2000 model only:* Download the immobilizer codes from the ECM/PCM with the PGM Tester. Refer to “Rewriting a New ECM/PCM” in Service Bulletin 00-049, “*Immobilizer System (Type 2).”*
6. Remove the ECM/PCM.



7. Replace the ECM/PCM in the reverse order of removal.
8. Rewrite the immobilizer codes into the PCM with the PGM Tester. Refer to “Rewriting a New ECM/PCM” in Service Bulletin 00-049, *“Immobilizer System (Type 2)*.”

   NOTE: For the 1998–99 models, you will need all of the working ignition keys.